

## Product datasheet for **RN207698**

### Stag1 (NM\_001108179) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Stag1 (NM\_001108179) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Stag1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN207698 representing NM\_001108179  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATTACTTCAGAGTTACCAGTGTACAGGATCAACTAATGAACTACTGCCATTCTGATGCTGGCA  
GCGAACTGAAGAAACAGAGGTCAAAGGAAAGAGAAAAAGGGTCTGCTCGCCGGCCTCCATCAACAAA  
TAAGAACTCGAAAATCTCCAGGAAAAGAGCAGAATTGAAGCTGGAATTAGAGGAGTGGGTCGCGGA  
AGAGCTAATGGCACCCTCAACAGAACGGCGAAGGGGATCCCGTACCTTATTTGAGGTGGTGAAGCTGG  
GGAAGAGTGCAATGCAGTCTGTGGTGGATGACTGGATTGAATCATATAAACAAGACCGGGACATCGCACT  
TCTGGATTTAATCAACTTTTTATCCAGTGTCCAGGATGTCGAGGACTGTGAGAATAGAGATGTTTCGA  
AATATGCAGAACGCAGAAATAATCAGAAAAATGACTGAAGAAATTTGATGAGGACAGTGGTACTACCC  
TTACCATGCCTGGTCTCAGTGGAAAAATTTCTGTTCCAATTTTGTGAATTTATGGAGTCTGATTTCG  
ACAGTGTCAATATAGCATAATTTATGATGAATATATGATGGACACCGTAATTTCCCTTTGACTGGTTG  
TCAGACTCCAGGTGAGCTTTTAGGCATACAAGTACCCTTGTGCAATGAAGCTGATGACTGCTCTGG  
TGATGTTGCCTAAACCTCAGTATTCATCAGGATAATACACAGAGGCAATACGAAGCCGAGAGAAATAA  
AATGATTGGGAAGAGAGCCAATGAAAGGCTGGAGTTACTACTTCAGAAACGTAAGAGCTACAAGAAAA  
CAAGATGAAATTGAAATATGATGAACTCTATTTTAAAGGTATATTTGTTTCATAGATACCGTGATGCAA  
TTGCTGAAATTCGAGCCATCTGTATTGAAGAAATGGAGTATGGATGAAAATGTATAGCGATGCCTTCT  
CAATGACAGTTACCTGAAATATGATGAGTGGACTCTTCATGATAGGCAAGGTGAAGTCAAGTCAAGTGT  
TTGAAAGCTCTACAAAGCCTGTATACCAATAGAGAATTTCCCAAATTTGGAGCTGTTTACTAATCGAT  
TCAAGGATCGCATTGTATCAATGACTCTTGACAAAGAATATGATGTTGCTGTGGAAGCCATCCGGTTGGT  
TACTCTGATACTCATGGAAGTGAAGAAGCTCTTTCCAATGAAGACTGTGAAAACGTCTACCATTTGGTG  
TACTCAGCACATCGCCCTGTTGCTGTGGCAGCTGGAGAGTTTCTGCACAAAAAGCTGTTTACGACATG  
ACCCACAAGCTGAGGAAGCATTAGCAAAGAGAAGAGGAAGAAACAGTCCAATGGGAACCTCATTAGGAT  
GCTTGTCTTTCTTTCTTTGAAAGTGAAGTTACATGAACATGCAGCCTACTTGGTGGACAGCTTGTGGGAG  
AGCTCTCAAGAACTGTTGAAAGACTGGGAATGTATGACAGAGTACTATTAGAAGAACTGTTCAAGGAG  
AGGAAGCCATGTCTGACCGTCAGGAGAGCGCTCTTATAGAGCTAATGGTCTGTACAATTCGTCAAGCAGC  
TGAGGCACATCTCCAGTGGGAAGGGAAACCGGCAAGAGAGTGCTAACAGCCAAAGAAAGGAAAACCTCAA



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ATTGATGATAGAAATAAATTAACCTGAACATTTTATCATTACACTTCCTATGTTACTATCAAAGTATTCTG  
 CAGATGCAGAGAAGGTAGCGAAGCTTGTGCAGATTCACAGTATTTTGATCTGGAATCTACAGCACAGG  
 TCGGATGGAAAAGCACCTGGATGCTTTATTAACACAGATTAAGTTTGTAGAGAAACATGTAGAGTCA  
 GATGTCCTAGAAGCCTGCAGTAAACCTACAGCATTTTATGCAGTGAAGAGTACACCATTCAAATCGAG  
 TCGATATTGCTCGGAGCCAGCTCATTGATGAATTTGTAGATCGATTCAATCATTCTGTAGAAGACCTATT  
 GCAAGAGGGTGAAGAAGCTGATGATGATGATATCTACAATGTTCTTTCCACCTAAAGCGTTTAACTTCT  
 TTTCAACATGCTCATGATCTCACTAAATGGGATCTGTTTGGTAATTGCTACAGACTATTGAAGACTGGAA  
 TTGAACATGGAGCTATGCCAGAACAGATAGTCGTACAAGCACTGCAGTGTCCCATTACTCAATTCTTTG  
 GCAGCTGGTGAATAACTGATGGTCTCCTTCCAAATATTACAATGACTATGGTATATTATTAAGGAA  
 ACCCTGAGTAAGACCAGGCAGATTGATAAGATTCAAGTGTGCTAAGACTCTCATTCTCAGTCTACAACAGT  
 TGTTTAACTGAACTTGTCAAGAACAAGGCTCTAATCTGGATAGGACATCGGCCATGTCAGTGGAAATTA  
 AGAACTGGCACGTCGTTTGCCTTACATTTGGATTGGACCAGATCAAGACCCGAGAAGCAGTTGCCACA  
 CTTCAAGGATGGAATAGAGTTTGCCTTAAATACCAGAATCAGAAAGGACAAGAGTATCCACCTCCTA  
 ATCTGGCTTTTCTGAAGTACTAAGTGAATTTTCTTAACTCCTTCGACAGGACAAGAAAAGTGTCCA  
 TTCTATCTTGAATAATCCTCACTGAGCAGATGATGGAAGGAGGGAGGATGTATGGCTTCCACTCATC  
 TCGTATAGAAATTCGTTAGTCACTGGGGTGAAGACGACAGAATGCTGTGAACAGTGGAAAGTAGCAGCA  
 GTAAAACCTTCTCAGTGCAGTAAAGAAAGGAAGACCCCACTGCACAGAAAACGAGCAGAAGATGAAAG  
 TCTGGATAACACATGGCTAAATAGGACTGACACAATGATTCAAGTCTGGACCTTGCACACCCACAG  
 CTCACCTCCACTGTACTTAGAGAGAACAGCCGTCATGGGAGAGCAGATTAGGAGCCTGAGTCTGAGC  
 ATGGTTCTGAACCAGACTTTTTACACAATCCCAAGATGCAGATCTCTGGTTAGGCCAGCCGAAGTTAGA  
 AGACTTGAATCGGAAGGACAGAACAGGAATGAACATACATGAAAGTGAAGCTGGAGTAAAGCATGCTGTT  
 CGGGTCTAATGGAGGAAGATGCTGAGCCATCTTTGAAGATGTGATGATGTCATCACGGAGCCAGTTAG  
 AAGACATGAATGAAGAATTTGAAGACACCATGGTTATTGATTTGCCCCATCAAGAAATCGGCGAGAGCG  
 AGCTGAGCTAAGGCCAGACTTTTCTGACTCTGCAGCTATCATAGAAGATGATTCAGGATTTGGAATGCCT  
 ATGTTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001108179

**Insert Size:**

3369 bp

**OTI Disclaimer:**

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:**

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:**

[NM\\_001108179.1](#), [NP\\_001101649.1](#)

RefSeq Size: 5649 bp  
RefSeq ORF: 3369 bp  
Locus ID: 315958  
Cytogenetics: 8q31